

RECEIVED

FEB 04 2002

TECH CENTER 1600/2900



Barrett, Ronald W.
Dower, William J.
Gallop, Mark
Woiwode, Thomas F.
Cwirla, Steven E.
XenoPort, Inc.

<120> Compounds Displayed on Replicable Genetic Packages and
Methods of Using Same

<130> 019282-000210US

<140> US 09/675,525

<141> 2000-09-29

<150> US 60/156,674

<151> 1999-09-29

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:genetic element
inserted into phagemid (gene VIII)

<400> 1

gcggccgcws sswswsws wwwswsssg aattccctat agtgagtcgt attaaagctt 60

<210> 2

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:BirA
biotinylation substrate sequence

<220>

<221> MOD_RES

<222> (11)

<223> Xaa = Lys modified by biotin

<400> 2

Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile Glu Trp His Glu
1 5 10 15

Gly Gly Gly Gly Ser
20

<210> 3
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:5' end of gene
for filamentous phage coat protein pVIII

<400> 3
ggcgggctta atgatatttt tgaggctcag aagattgagt ggcattgaggg aggcgggggt 60
agc 63

<210> 4
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: BirA
biotinylation substrate sequence

<400> 4
Asn Ser Gly Gly Gly Gly Leu Asn Asp Ile Phe Glu Ala Gln Xaa Ile
1 5 10 15
Glu Trp His Glu
20

<210> 5
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:3' end of gene
10B major coat protein of T7 phage

<400> 5
aattctggag ggcgggggtct taatgatatt tttaggctc agaagattga gtggcatgag 60
taagtaacta a 71

<210> 6
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:genetic element
inserted into T7 phage vector

<400> 6
gcggccgcws sswswsws wwwswsssg tattctatag tgtcacctaa atctcgag 58

<210> 7
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:mAb 3E7 epitope
peptide

<400> 7

Tyr Gly Gly Phe Leu

1

5